

Applicants: Wybe Martin Kast et al.  
U.S. Serial No.: 08/170,344  
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Page 2

Please renumber originally filed pages 51-56 as new pages 66-71.

Page 4, line 28, after "E6)" insert --(SEQ ID NO:1)--;

same page, line 29, after "E6)" insert --(SEQ ID NO:2)--;

same page, line 30, after "E6)" insert --(SEQ ID NO:3)--;

same page, line 31, after "E6)" insert --(SEQ ID NO:4)--;

same page, line 32, after "E6)" insert --(SEQ ID NO:5)--;

same page, line 33, after "E6)" insert --(SEQ ID NO:6)--;

same page, line 34, after "E6)" insert --(SEQ ID NO:7)--;

same page, line 35, after "E6)" insert --(SEQ ID NO:8)--;

same page, line 36, after "E6)" insert --(SEQ ID NO:9)--;

Page 5, line 1, after "E6)" insert --(SEQ ID NO:10)--;

same page, line 2, after "E6)" insert --(SEQ ID NO:11)--;

same page, line 3, after "E6)" insert --(SEQ ID NO:12)--;

same page, line 4, after "E7)" insert --(SEQ ID NO:13)--;

same page, line 5, after "E7)" insert --(SEQ ID NO:14)--;

same page, line 6, after "E7)" insert --(SEQ ID NO:15)--;

same page, line 7, after "E7)" insert --(SEQ ID NO:16)--;

same page, line 8, after "E7)" insert --(SEQ ID NO:17)--;

same page, line 9, after "E7)" insert --(SEQ ID NO:18)--;

same page, line 10, after "E7)" insert --(SEQ ID NO:19)--;

same page, line 11, after "E7)" insert --(SEQ ID NO:20)--;

same page, line 21, after "E6)" insert --(SEQ ID NO:21)--;

same page, line 22, after "E6)" insert --(SEQ ID NO:22)--;

same page, line 23, after "E6)" insert --(SEQ ID NO:23)--;

same page, line 24, after "E6)" insert --(SEQ ID NO:24)--;

same page, line 25, after "E6)" insert --(SEQ ID NO:25)--;

same page, line 26, after "E6)" insert --(SEQ ID NO:26)--;

same page, line 27, after "E6)" insert --(SEQ ID NO:27)--;

same page, line 28, after "E6)" insert --(SEQ ID NO:28)--;

same page, line 29, after "E6)" insert --(SEQ ID NO:29)--;

same page, line 30, after "E7)" insert --(SEQ ID NO:30)--;

same page, line 31, after "E7)" insert --(SEQ ID NO:31)--;

same page, line 32, after "E7)" insert --(SEQ ID NO:32)--;

same page, line 33, after "E7)" insert --(SEQ ID NO:33)--;

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same page, line 34, after "E7)" insert --(SEQ ID NO:34) --.

Page 6, line 11, after "E6)" insert --(SEQ ID NO:35) --;

same page, line 12, after "E6)" insert --(SEQ ID NO:36) --;

same page, line 13, after "E6)" insert --(SEQ ID NO:37) --;

same page, line 14, after "E7)" insert --(SEQ ID NO:38) --;

same page, line 15, after "E7)" insert --(SEQ ID NO:39) --;

same page, line 16, after "E7)" insert --(SEQ ID NO:40) --;

same page, line 28, after "E6)" insert --(SEQ ID NO:1) --;

same page, line 29, after "E6)" insert --(SEQ ID NO:41) --;

same page, line 30, after "E6)" insert --(SEQ ID NO:9) --;

same page, line 31, after "E6)" insert --(SEQ ID NO:42) --;

same page, line 32, after "E6)" insert --(SEQ ID NO:43) --;

same page, line 33, after "E6)" insert --(SEQ ID NO:44) --;

same page, line 34, after "E6)" insert --(SEQ ID NO:45) --;

same page, line 35, after "E6)" insert --(SEQ ID NO:46) --;

same page, line 36, after "E6)" insert --(SEQ ID NO:47) --;

Page 7, line 1, after "E6)" insert --(SEQ ID NO:48) --;

same page, line 2, after "E6)" insert --(SEQ ID NO:11) --;

same page, line 3, after "E6)" insert --(SEQ ID NO:49) --;

same page, line 4, after "E6)" insert --(SEQ ID NO:50) --;

same page, line 5, after "E6)" insert --(SEQ ID NO:51) --;

same page, line 6, after "E6)" insert --(SEQ ID NO:52) --;

same page, line 7, after "E6)" insert --(SEQ ID NO:53) --;

same page, line 8, after "E6)" insert --(SEQ ID NO:54) --;

same page, line 9, after "E6)" insert --(SEQ ID NO:55) --;

same page, line 10, after "E6)" insert --(SEQ ID NO:56) --;

same page, line 11, after "E6)" insert --(SEQ ID NO:57) --;

same page, line 12, after "E6)" insert --(SEQ ID NO:58) --;

same page, line 13, after "E7)" insert --(SEQ ID NO:59) --;

same page, line 14, after "E7)" insert --(SEQ ID NO:60) --;

same page, line 15, after "E7)" insert --(SEQ ID NO:61) --;

same page, line 16, after "E7)" insert --(SEQ ID NO:62) --;

same page, line 29, after "E6)" insert --(SEQ ID NO:1) --;

same page, line 30, after "E6)" insert --(SEQ ID NO:41) --;

same page, line 31, after "E6)" insert --(SEQ ID NO:9) --;

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same page, line 32, after "E6)" insert --(SEQ ID NO:42)--;  
same page, line 33, after "E6)" insert --(SEQ ID NO:43)--;  
same page, line 34, after "E6)" insert --(SEQ ID NO:44)--;  
same page, line 35, after "E6)" insert --(SEQ ID NO:45)--;  
same page, line 36, after "E6)" insert --(SEQ ID NO:46)--;

Page 8, line 1, after "E6)" insert --(SEQ ID NO:47)--;

same page, line 2, after "E6)" insert --(SEQ ID NO:11)--;  
same page, line 3, after "E6)" insert --(SEQ ID NO:49)--;  
same page, line 4, after "E6)" insert --(SEQ ID NO:54)--;  
same page, line 5, after "E6)" insert --(SEQ ID NO:63)--;  
same page, line 6, after "E6)" insert --(SEQ ID NO:56)--;  
same page, line 7, after "E6)" insert --(SEQ ID NO:57)--;  
same page, line 8, after "E7)" insert --(SEQ ID NO:59)--;  
same page, line 9, after "E7)" insert --(SEQ ID NO:60)--;  
same page, line 10, after "E7)" insert --(SEQ ID NO:61)--;  
same page, line 11, after "E7)" insert --(SEQ ID NO:64)--;  
same page, line 24, after "E6)" insert --(SEQ ID NO:65)--;  
same page, line 25, after "E6)" insert --(SEQ ID NO:6)--;  
same page, line 26, after "E6)" insert --(SEQ ID NO:42)--;  
same page, line 27, after "E6)" insert --(SEQ ID NO:66)--;  
same page, line 28, after "E6)" insert --(SEQ ID NO:67)--;  
same page, line 29, after "E6)" insert --(SEQ ID NO:68)--;  
same page, line 30, after "E6)" insert --(SEQ ID NO:69)--;  
same page, line 31, after "E6)" insert --(SEQ ID NO:70)--;  
same page, line 32, after "E6)" insert --(SEQ ID NO:71)--;  
same page, line 33, after "E6)" insert --(SEQ ID NO:72)--;  
same page, line 34, after "E6)" insert --(SEQ ID NO:73)--;  
same page, line 35, after "E7)" insert --(SEQ ID NO:74)--;

Page 28, line 15, after "MLDLQPETT" insert --(SEQ ID NO:15)--;

same page, line 17, after "MLDLQPETT" insert --(SEQ ID NO:15)--;  
same page, line 25, after "MLDLQPETT" insert --(SEQ ID NO:15)--;  
same page, line 30, after "MLDLQPETT" insert --(SEQ ID NO:15)--.

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same page, line 32, after "MLDLQPETT" insert --(SEQ ID NO:15)---.

Page 29, line 2, after "MLDLQPETT" insert --(SEQ ID NO:15)---;

same page, line 9, after "MLDLQPETT" insert --(SEQ ID NO:15)---;

same page, line 17, after "MLDLQPETT" insert --(SEQ ID NO:15)---;

same page, line 28, after "MLDLQPETT" insert --(SEQ ID NO:15)---;

same page, line 33, after "MLDLQPETT" insert --(SEQ ID NO:15)---;

same page, line 35, after "ATELQTTIH" insert --(SEQ ID NO:75)---.

Page 30, line 1, after "MLDLQPETT" insert --(SEQ ID NO:15)---;

same page, line 2, after "MLDLQPETT" insert --(SEQ ID NO:15)---;

same page, line 5, after "MLDLQPETT" insert --(SEQ ID NO:15)---.

Page 31, line 16, after "YLEPAIAKY" insert --(SEQ ID NO:76)---;

same page, same line, after "FLPSDYFPSV" insert --(SEQ ID NO:77)---;

same page, same line, after "KVFPYALINK" insert --(SEQ ID NO:78)---;

same page, same line, after "AVDLYHFLK" insert --(SEQ ID NO:79);

same page, same line, after "AYIDNYNKF" insert --(SEQ ID NO:80)---.

In The Claims:

- 25  
D --5. (Amended) A peptide according to claim 1, comprising an amino acid sequence derived from protein E6 or E7 of HPV16, wherein said amino acid sequence has the ability to bind to human MHC Class I allele HLA-A2.1 and is selected from the group consisting of: